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Research Direction: Intelligence theory and method(Information science, Professional code:120502)

With the rapid growth of information and the rapid development of information technology, Users' needs shift from simple literature information to knowledge that can solve specific problems, while the decentralization and disorder of knowledge storage severely restrict people's ability to acquire the required knowledge. In order to optimize the way of acquiring knowledge, it is necessary to go beyond the external presentation of knowledge and make a detailed analysis and organization of its content. Therefore, the research on the theory and method of knowledge organization has become one of the key research areas of information science today. This research involves information science, library science and computer science, focusing on the analysis and discussion of new information service theories and methods in the network environment; principles of knowledge organization and management, knowledge mining and integration tools, knowledge discovery and analysis technology, knowledge service theory and model, as well as research on the construction and comprehensive application of knowledge service system.

The advent of the "big data" era has brought fundamental changes to the way data is used in all walks of life, and decision-making behavior will increasingly be based on data analysis, rather than relying on experience and intuition as in the past. The way data acquisition and analysis of competitive intelligence is undergoing major changes. This study will also cover the theory, methods and tools of competitive intelligence based on big data. It focuses on multi-data type mining analysis methods, visualization of data analysis, as well as development and application of decision tools based on data analysis.

In 2009, she was selected into the "Western Light Talent Program". She has presided over or participated in a number of provincial and ministerial level major intelligence research and information system development projects. She went to study at Rutgers University in the United States in 2011. She has participated in the compilation of the "Industrial Biotechnology Development Report", "Bioresources and Biodiversity Strategy Research Report", "International Science and Technology Frontier Report", " Patent Analysis Report of Chinese Academy of Sciences" and so on.

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